



RECEIVED

SEP 27 2010

September 24, 2010

Ohio Environmental
Protection Agency
Southwest District

Ms. Abbot Stevenson
Ohio EPA – SEDO
2195 front Street
Logan, OH 43138

Dear Abbot:

Enclosed are copies of revisions you requested for renewal of the NPDES for The Ohio Valley Coal Company (OIL00046). This letter will serve as our request to withdraw:

1. The NPDES modification for the Williams Creek shaft submitted August 14, 2000. This modification is no longer needed.
2. The PTI application for pond 15. This site will be pumped to the No. 2 impoundment when it is installed, and a PTI will be requested at that time.
3. The PTI application for a new discharge from a slurry impoundment in Casey Run. This site will also be pumped to the No. 2 impoundment when it is installed, and a modification will be requested at that time.

Enclosed is form 2C for the sewage treatment plant for the Anderson Run bathhouse. Also enclosed is updated information with TDS and low-level mercury data and a completed form 2C listing all of the outfalls and their data.

If you have any questions, please contact me.

Sincerely,
THE OHIO VALLEY COAL COMPANY

David L. Bartsch, P.E.
Environmental Coordinator and
Permit Administrator

cc: F. Wood
File

OVCC NPDES APP.
UPDATE 9/27/10

OIL00046*

Please print or type in the unshaded areas only.

OF L00046
EPA I.D. NUMBER (copy from Item 1 of Form I)
OH-0012661Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM 2C NPDES	U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS <i>Consolidated Permits Program</i>						
I. OUTFALL LOCATION							
For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.							
A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
001	39	54	59	80	59	32	Captina Creek
002	39	54	49	80	58	54	Internal Drainage Ditch
007	39	54	25	80	59	25	Captina Creek
011	39	54	20	80	59	20	Captina Creek
013	39	54	49	80	59	26	Captina Creek
II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES							
A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.							
B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.							
1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW			3. TREATMENT			
	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION		b. LIST CODES FROM TABLE 2C-1		
001	Preparation Plant Discharge, coal pile drainage; runoff	3 MGD	Settling		1U		
002	Package Sewage Treatment Plant	10 gpm	Aerobic digestion; sand filtration; chlorination; dechlorination		5A		
					1V		
					2E		
					2F		
007	Beltline Runoff (Pond 8)	.005 mgd	Settling, Soda Ash		1U		
					2B		
					2K		
011	Rail loadout runoff	.001 MGD	Settling, Soda Ash		1U		
					2B		
					2K		
013	Runoff - refuse pile and No. 2 Dam area	.7 MGD	Settling, Soda Ash		1U		
					2B		
					2K		
588	Sludge Removal from Package Plant	Pumped rarely 2500 gal in past 5 years	None - sent to approved facility				
RECEIVED							
SEP 27 2010							
OFFICIAL USE ONLY (effluent guidelines sub-categories)							

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
OH-0012661

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

CONTINUED FROM THE FRONT

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

 YES (complete the following table) NO (go to Section III)

1. OUTFALL NUMBER (list)	2. OPERATION(s) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW				C. DURATION (in days)
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)	b. TOTAL VOLUME (specify with units)	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

 YES (complete Item III-B) NO (go to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)?

 YES (complete Item III-C) NO (go to Section IV)

C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS (list outfall numbers)
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operations of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

 YES (complete the following table) NO (go to Item IV-B)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.

 MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

CONTINUED FROM PAGE 2

EPA I.D. NUMBER (*copy from Item 1 of Form I*)

OH-0012661

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding – Complete one set of tables for each outfall – Annotate the outfall number in the space provided.
NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
None			

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

 YES (*list all such pollutants below*) NO (*go to Item VI-B*)

CONTINUED FROM THE FRONT

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

YES (identify the test(s) and describe their purposes below)

NO (go to Section VIII)

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

YES (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)

IX. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. NAME & OFFICIAL TITLE (type or print)

Paul B. Piccolini, Vice President

B. PHONE NO. (area code & no.)

(740) 926-1351

C. SIGNATURE

D. DATE SIGNED

9/24/10

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (*use the same format*) instead of completing these pages.
SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1)
OH-0013661

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A—You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfit. See instructions for additional details.

		2. EFFLUENT		3. UNITS (specify if blank)		4. INTAKE (optional)	
		b. MAXIMUM DAILY VALUE (if available)	c. LONG TERM AVERG. VALUE (if available)	a. CONCENTRATION (1) MASS CONCENTRATION (2) MASS	d. NO. OF ANALYSES (2) MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	b. NO. OF ANALYSES
1. POLLUTANT		a. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONCENTRATION (2) MASS	c. LONG TERM AVERG. VALUE (if available)	d. NO. OF ANALYSES (2) MASS	e. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	f. NO. OF ANALYSES
a. Biochemical Oxygen Demand (<i>BOD</i>)	ND						
b. Chemical Oxygen Demand (<i>COD</i>)	57 MG/L						
c. Total Organic Carbon (<i>TOC</i>)	ND						
d. Total Suspended Solids (<i>TSS</i>)	14 MG/L						
e. Ammonia (<i>as N</i>)	.35 MG/L						
f. Flow	VALUE APPROX 20 MGD	VALUE	VALUE	VALUE	VALUE	VALUE	
g. Temperature (<i>winter</i>)	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	
h. Temperature (<i>summer</i>)	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	
i. pH	MINIMUM 6.6 S.U.	MAXIMUM 8.9 S.U.	MINIMUM	MAXIMUM		STANDARD UNITS	
2. MARK "X"		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
1. POLLUTANT AND CAS NO. (if available)		a. MAXIMUM DAILY VALUE b. BELIEVED ABSENT CONCENTRATION (1) MASS CONCENTRATION (2) MASS	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVERG. VALUE (if available)	d. NO. OF ANALYSES (2) MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X						
b. Chlorine, Total Residual	X						
c. Color	X						
d. Fecal Coliform	X						
e. Fluoride (16684-48-8)	X						
f. Nitrate-Nitrite (<i>as N</i>)	X						

PART B – Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2-a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

PART B – Mark "X" in column 2a for each pollutant you believe is present. Mark "X" in column 2b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
		a. MAXIMUM DAILY VALUE (¹) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (^{if available}) (²) MASS	c. LONG TERM AVRG. VALUE (^{if available}) (¹) CONCENTRATION	d. NO. OF ANALYSES	a. LONG TERM AVERAGE VALUE	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X						
b. Chlorine, Total Residual	X						
c. Color	X						
d. Fecal Coliform	X						
e. Fluoride (16684-48-8)	X						
f. Nitrate-Nitrite (as N)	X						

EPA Form 3510-2C (8-90)

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT			4. UNITS			5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	d. NO. OF ANALYSES	a. CONCEN- TRATION (1) MASS	b. MASS	a. LONG TERM AVERAGE VALUE (1) MASS	b. NO. OF ANALYSES	
g. Nitrogen, Total Organic (as N.)	X										
h. Oil and Grease	X										
i. Phosphorus (as P), Total (7723-14-0)	X										
j. Radioactivity											
(1) Alpha, Total	X										
(2) Beta, Total	X										
(3) Radium, Total	X										
(4) Radium 226, Total	X										
k. Sulfate (as SO ₄) (14808-79-8)	X										
l. Sulfide (as S)	X										
m. Sulfite (as SO ₃) (14265-45-3)	X										
n. Surfactants	X										
o. Aluminum, Total (7429-90-5)	X										
p. Barium, Total (7440-39-3)	X										
q. Boron, Total (7440-42-8)	X										
r. Cobalt, Total (7440-48-4)	X										
s. Iron, Total (7439-89-6)	X										
t. Magnesium, Total (7439-95-4)	X										
u. Molybdenum, Total (7439-98-7)	X										
v. Manganese, Total (7439-96-5)	X										
w. Tin, Total (7440-31-5)	X										
x. Titanium, Total (7440-32-6)	X										

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OH - 0012661	001

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a for all such GC/MS fractions, mark "X" in column 2-b for each pollutant you know or have reason to believe is absent. Mark "X" in column 2-c for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (all 7 pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT			4. UNITS			5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (¹ CONCENTRATION)	b. MASS (¹ CONCENTRATION)	c. LONG TERM AVRG. VALUE (<i>if available</i>)	d. NO. OF ANALYSES	e. CONCEN- TRATION (¹ MASS CONCENTRATION)	f. MASS (¹ MASS CONCENTRATION)	g. CONCENTRA- TION (¹ MASS)	h. MASS (¹ MASS)	i. NO. OF ANALYSES	j. MASS
METALS, CYANIDE, AND TOTAL PHENOLS													
1M. Antimony, Total (7440-36-0)	X												
2M. Arsenic, Total (7440-38-2)	X			.004	MG/L								
3M. Beryllium, Total (7440-41-7)		X											
4M. Cadmium, Total (7440-43-9)	X					.01	MG/L						
5M. Chromium, Total (7440-47-3)	X					.028	MG/L						
6M. Copper, Total (7440-50-8)	X					.006	MG/L						
7M. Lead, Total (7439-92-1)		X											
8M. Mercury, Total (7439-97-6)	X			2.94	NG/L								
9M. Nickel, Total (7440-02-0)		X											
10M. Selenium, Total (7782-49-2)		X				.0012	MG/L						
11M. Silver, Total (7440-22-4)		X											
12M. Thallium, Total (7440-28-0)		X											
13M. Zinc, Total (7440-66-6)		X				.01	MG/L						
DIOXIN													
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1764-01-6)			X										

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		
	a TESTING REQUIRED	b BELIEVED PRESENT	c BELIEVED ABSENT	a MAXIMUM DAILY VALUE (1) CONCENTRATION	b MAXIMUM 30 DAY VALUE (if available) (2) MASS	c LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	d NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS (1) CONCENTRATION
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)		X							
2V. Acrylonitrile (107-13-1)		X							
3V. Benzene (71-43-2)		X							
4V. Bis (Chloro- methyl) Ether (542-88-1)		X							
5V. Bromoform (75-25-2)		X							
6V. Carbon Tetrachloride (56-23-5)		X							
7V. Chlorobenzene (108-90-7)		X							
8V. Chlorodi- bromomethane (124-48-1)		X							
9V. Chloroethane (75-00-3)		X							
10V. 2-Chloro- ethylvinyl Ether (110-75-8)		X							
11V. Chloroform (67-66-3)		X							
12V. Dichloro- bromomethane (75-27-4)		X							
13V. Dichloro- difluoromethane (75-71-8)		X							
14V. 1,1-Dichloro- ethane (75-34-3)		X							
15V. 1,2-Dichloro- ethane (107-06-2)		X							
16V. 1,1-Dichloro- ethylene (75-35-4)		X							
17V. 1,2-Dichloro- propane (78-87-5)		X							
18V. 1,3-Dichloro- propylene (542-75-6)		X							
19V. Ethylbenzene (100-41-4)		X							
20V. Methyl Bromide (74-83-9)		X							
21V. Methyl Chloride (74-87-3)		X							

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>		2. MARK "X"		3. EFFLUENT <i>(if available)</i>		4. UNITS		5. INTAKE <i>(optional)</i>	
a TESTING REQUIRED	b BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) CONCENTRATION (1) (2) MASS	c. LONG TERM AVRG. VALUE <i>(if available)</i> CONCENTRATION (1) (2) MASS	d. NO. OF ANALYSES	a. CONCEN- TRATION (1) b. MASS	a. LONG TERM AVERAGE VALUE <i>(if available)</i> CONCENTRATION (1) b. MASS	b. NO. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS <i>(continued)</i>									
22V Methylene Chloride (75-09-2)		X							
23V 1,1,2,2-Tetrachloroethane (79-34-5)		X							
24V Tetrachloro-ethylene (127-18-4)		X							
25V Toluene (108-88-3)		X							
26V 1,2-Trans-Dichloroethylene (156-60-5)		X							
27V 1,1,1-Trichloro-ethane (71-55-6)		X							
28V 1,1,2-Trichloro-ethane (79-00-5)		X							
29V Trichloro-ethylene (79-01-6)		X							
30V Trichloro-fluoromethane (75-69-4)		X							
31V Vinyl Chloride (75-01-4)		X							
GC/MS FRACTION - ACID COMPOUNDS									
1A 2-Chlorophenol (95-57-8)		X							
2A 2,4-Dichloro-phenol (120-83-2)		X							
3A 2,4-Dimethyl-phenol (105-67-9)		X							
4A 4,6-Dinitro-O-Cresol (534-52-1)		X							
5A 2,4-Dinitro-phenol (51-28-5)		X							
6A 2-Nitrophenol (88-75-5)		X							
7A 4-Nitrophenol (100-02-7)		X							
8A P-Chloro-M-Cresol (59-50-7)		X							
9A Pentachloro-phenol (87-86-5)		X							
10A Phenol (108-95-2)		X							
11A 2,4,6-Trichloro-phenol (88-05-2)		X							

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	a TESTING REQUIRED	b BELIEVED PRESENT	c BELIEVED ABSENT	a MAXIMUM DAILY VALUE (1) CONCENTRATION	b MAXIMUM 30 DAY VALUE (if available) (2) MASS	c LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	d NO. OF ANALYSES (2) MASS	a LONG TERM AVERAGE VALUE (1) CONCENTRATION
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS								
1B. Acenaphthene (83-32-9)	X							
2B. Acenaphthylene (208-96-8)		X						
3B. Anthracene (120-12-7)		X						
4B. Benzidine (92-87-5)		X						
5B. Benzo (<i>a</i>) Anthracene (56-55-3)		X						
6B. Benzo (<i>a</i>) Pyrene (50-32-8)		X						
7B. 3,4-Benzo- fluoranthene (205-99-2)		X						
8B. Benzo (<i>e,h,i</i>) Perylene (191-24-2)		X						
9B. Benzo (<i>k</i>) Fluoranthene (207-08-9)		X						
10B. Bis (2-Chloro- <i>ethoxy</i>) Methane (111-91-1)		X						
11B. Bis (2-Chloro- <i>ethoxy</i>) Ether (111-44-4)		X						
12B. Bis (2- <i>Chloroisopropyl</i>) Ether (102-80-1)		X						
13B. Bis (2- <i>Ethyl-</i> <i>hexyl</i>) Phthalate (117-81-7)		X						
14B. 4-Bromophenyl Phenyl Ether (101-55-3)		X						
15B. Butyl Benzyl Phthalate (85-68-7)		X						
16B. 2-Chloro- naphthalene (91-58-7)		X						
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)		X						
18B. Chrysene (218-01-9)		X						
19B. Dibenzo (<i>a,h</i>) Anthracene (53-70-3)		X						
20B. 1,2-Dichloro- benzene (95-50-1)		X						
21B. 1,3-Dichloro- benzene (541-73-1)		X						

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"		3. EFFLUENT			4. UNITS			5. INTAKE <i>(optional)</i>		
	a TESTING REQUIRED	b PRESENT	c BELIEVED ABSENT	a MAXIMUM DAILY VALUE (1) CONCENTRATION	b MASS (2) CONCENTRATION	c LONG TERM AVRG. VALUE <i>(if available)</i> (1) CONCENTRATION	d NO. OF ANALYSES	a CONCEN- TRATION (1) MASS	b MASS (2) MASS	a LONG TERM AVERAGE VALUE (1) CONCENTRATION	b NO. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS <i>(continued)</i>											
22B 1,4-Dichloro-benzene (106-46-7)		X									
23B 3,3-Dichloro-benzidine (91-94-1)		X									
24B Diethyl Phthalate (84-66-2)		X									
25B Dimethyl Phthalate (131-11-3)		X									
26B Di-N-Butyl Phthalate (84-74-2)		X									
27B 2,4-Dinitro-toluene (121-14-2)		X									
28B 2,6-Dinitro-toluene (606-20-2)		X									
29B Di-N-Cetyl Phthalate (117-84-0)		X									
30B 1,2-Diphenyl-hydrazine (as Azo-benzene) (122-66-7)		X									
31B Fluoranthene (206-44-0)		X									
32B Fluorene (86-73-7)		X									
33B Hexachlorobenzene (118-74-1)		X									
34B Hexachlorobutadiene (87-68-3)		X									
35B Hexachlorocyclopentadiene (77-47-4)		X									
36B Hexachloroethane (67-72-1)		X									
37B Indeno (1,2,3-cd) Pyrene (193-39-5)		X									
38B Isophorone (78-59-1)		X									
39B Naphthalene (91-20-3)		X									
40B Nitrobenzene (98-95-3)		X									
41B N-Nitro-sodimethylamine (62-75-9)		X									
42B N-Nitrosodi-N-Propylamine (621-64-7)		X									

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE (optional)				
		a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (<i>if available</i>)	b. MAXIMUM 30 DAY VALUE (<i>if available</i>)	c. LONG TERM AVRG. VALUE (<i>if available</i>)	a. CONCENTRATION (⁽¹⁾ MASS CONCENTRATION (⁽²⁾ MASS CONCENTRATION)	b. MASS	a. CONCENTRATION (⁽¹⁾ MASS CONCENTRATION (⁽²⁾ MASS CONCENTRATION)	b. NO. OF ANALYSES	a. LONG TERM AVERAGE VALUE
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (<i>continued</i>)												
43B N-Nitro-sodophenylamine (86-30-6)			X									
44B Phenanthrene (85-01-8)			X									
45B Pyrene (128-00-0)			X									
46B 1,2,4-Tri-chlorobenzene (120-82-1)				X								
GC/MS FRACTION - PESTICIDES												
1P Aldrin (309-00-2)				X								
2P α -BHC (319-84-6)				X								
3P β -BHC (319-85-7)				X								
4P γ -BHC (58-89-9)				X								
5P δ -BHC (319-86-8)				X								
6P Chlordane (57-74-9)				X								
7P 4,4'-DDT (50-29-3)				X								
8P 4,4'-DDE (72-55-9)				X								
9P 4,4'-DDD (72-54-8)				X								
10P Dieldrin (60-57-1)				X								
11P α -Endosulfan (115-29-7)				X								
12P β -Endosulfan (115-29-7)				X								
13P Endosulfan Sulfate (1031-07-8)				X								
14P Endrin (72-20-8)				X								
15P Endrin Aldehyde (7421-93-4)				X								
16P Heptachlor (76-44-8)				X								

CONTINUED FROM PAGE V-8	EPA I.D. NUMBER (copy from Item 1 of Form I)	OUTFALL NUMBER
	OH - 0012661	001

1. POLLUTANT AND CAS NUMBER (if available)	a TESTING REQUIRED	b BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT		4. UNITS		5. INTAKE (optional)		
				a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MASS (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	d. NO. OF ANALYSES	a. CONCEN- TRATION (1) (2) MASS	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION
GC/MS FRACTION - PESTICIDES (continued)										
17P Heptachlor Epoxide (1024-57-3)			X							
18P PCB-1242 (53469-21-9)			X							
19P PCB-1254 (11097-69-1)			X							
20P PCB-1221 (11104-28-2)			X							
21P PCB-1232 (11141-16-5)			X							
22P PCB-1248 (12672-29-6)			X							
23P PCB-1260 (11096-82-5)			X							
24P PCB-1016 (12674-11-2)			X							
25P Toxaphene (8001-35-2)			X							

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages.
SEE INSTRUCTIONS.

EPA ID. NUMBER (copy from Item 1 of Form 1)
OH - 0012661

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

	2. EFFLUENT				3. UNITS (specify if blank)				4. INTAKE (optional)				
	a. MAXIMUM DAILY VALUE (if available)	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVG. VALUE (if available)	d. NO OF ANALYSES	a. CONCENTRATION (1) MASS (2) CONCENTRATION	b. MASS (1) CONCENTRATION (2) MASS	c. LONG TERM AVERAGE VALUE (if available)	d. NO OF ANALYSES	a. CONCENTRATION (1) MASS (2) CONCENTRATION	b. MASS (1) CONCENTRATION (2) MASS	c. LONG TERM AVERAGE VALUE (if available)	d. NO OF ANALYSES	
1. POLLUTANT	a. CONCENTRATION (1) b. MASS (2)	a. CONCENTRATION (1) b. MASS (2)	a. CONCENTRATION (1) b. MASS (2)	d. NO OF ANALYSES	a. CONCENTRATION (1) b. MASS (2)	a. CONCENTRATION (1) b. MASS (2)	c. LONG TERM AVERAGE VALUE (if available)	d. NO OF ANALYSES	a. CONCENTRATION (1) b. MASS (2)	a. CONCENTRATION (1) b. MASS (2)	c. LONG TERM AVERAGE VALUE (if available)	d. NO OF ANALYSES	
a. Biochemical Oxygen Demand (BOD)	3 . 0 mg/l												b. NO. OF ANALYSES
b. Chemical Oxygen Demand (COD)	4 7 MG/L												
c. Total Organic Carbon (TOC)	4 . 5 mg/l												
d. Total Suspended Solids (TSS)	ND												
e. Ammonia (as N)	. 26 MG/L												
f. Flow	VALUE 2 - 8 gpm	VALUE	VALUE		VALUE	VALUE	VALUE		VALUE	VALUE	VALUE		
g. Temperature (winter)	VALUE min 14 °C	VALUE	VALUE		VALUE	VALUE	VALUE		VALUE	VALUE	VALUE		
h. Temperature (summer)	VALUE max 26 °C	VALUE	VALUE		VALUE	VALUE	VALUE		VALUE	VALUE	VALUE		
i. pH	MINIMUM 6 . 5 S.U.	MAXIMUM 7 . 7 S.U.	MINIMUM 7 . 7 S.U.	MAXIMUM	MINIMUM	MAXIMUM							STANDARD UNITS
2. MARK "X"													
1. POLLUTANT AND CAS NO. (if available)	a. BELIEVED PRESENT b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (if available)	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVG. VALUE (if available)	d. NO OF ANALYSES	a. CONCENTRATION (1) b. MASS (2)	a. CONCENTRATION (1) b. MASS (2)	c. LONG TERM AVERAGE VALUE (if available)	d. NO OF ANALYSES	a. CONCENTRATION (1) b. MASS (2)	a. CONCENTRATION (1) b. MASS (2)	c. LONG TERM AVERAGE VALUE (if available)	d. NO OF ANALYSES
a. Bromide (2459-67-9)	X												
b. Chlorine Total Residual	X	0	0	0	0								
c. Color	X	0	0	0	0								
d. Fecal Coliform	X	10	100	100	10								
e. Fluoride (16984-48-8)	X												
f. Nitrate-Nitrite (as N)	X												

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant which is limited either directly, or indirectly but expressively, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2-a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	3. EFFLUENT				4. UNITS				5. INTAKE (optional)				
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (if available)	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVG. VALUE (if available)	d. NO OF ANALYSES	a. CONCENTRATION (1) b. MASS (2)	c. LONG TERM AVERAGE VALUE (if available)	d. NO OF ANALYSES	a. CONCENTRATION (1) b. MASS (2)	c. LONG TERM AVERAGE VALUE (if available)	d. NO OF ANALYSES	
a. Bromide (2459-67-9)	X												
b. Chlorine Total Residual	X	0	0	0	0	0							
c. Color	X	0	0	0	0	0							
d. Fecal Coliform	X	10	100	100	10	10							
e. Fluoride (16984-48-8)	X												
f. Nitrate-Nitrite (as N)	X												

OUTFALL NO.
002; 003

ITEM V.B CONTINUED FROM FRONT

2. MARK "X"		3. EFFLUENT (if available)		4. UNITS		5. INTAKE (optional)	
1. POLLUTANT AND CAS NO. (if available)	a. BELOW PRESENT	b. ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MASS (2) MASS	c. LONG TERM AVRG. VALUE (if available)	d. NO. OF ANALYSES	e. LONG TERM AVERAGE VALUE (2) MASS
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(1) MASS	(2) MASS
g. Nitrogen, Total Organic (as N.)	X						
h. Oil and Grease	X						
i. Phosphorus (as P), Total (7723-14-0)	X						
j. Radioactivity							
(1) Alpha, Total	X						
(2) Beta, Total	X						
(3) Radium, Total	X						
(4) Radium 226, Total	X						
k. Sulfate (as SO ₄) (14808-79-8)	X						
l. Sulfide (as S)	X						
m. Sulfite (as SO ₃) (14265-45-3)	X						
n. Surfactants	X						
o. Aluminum, Total (7429-90-5)	X						
p. Barium, Total (7440-39-3)	X						
q. Boron, Total (7440-42-8)	X						
r. Cobalt, Total (7440-48-4)	X						
s. Iron, Total (7439-89-6)	X						
t. Magnesium, Total (7439-95-4)	X						
u. Molybdenum, Total (7439-98-7)	X						
v. Manganese, Total (7439-96-5)	X						
w. Tin, Total (7440-31-5)	X						
x. Titanium, Total (7440-32-6)	X						

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OH-0012661	002; 003

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6-dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (all 7 pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT			4. UNITS			5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (¹ if available)	b. MAXIMUM 30 DAY VALUE (¹ if available)	c. LONG TERM AVERG. VALUE (¹ if available)	d. NO. OF ANALYSES	a. CONCENTRATION (¹) MASS CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE	b. NO. OF ANALYSES	(¹) MASS
METALS, CYANIDE, AND TOTAL PHENOLS												
1M. Antimony, Total (7440-36-0)		X										
2M. Arsenic, Total (7440-38-2)		X										
3M. Beryllium, Total (7440-41-7)		X										
4M. Cadmium, Total (7440-43-9)		X										
5M. Chromium, Total (7440-47-3)		X										
6M. Copper, Total (7440-50-8)		X										
7M. Lead, Total (7439-92-1)		X										
8M. Mercury, Total (7439-97-6)		X										
9M. Nickel, Total (7440-02-0)		X										
10M. Selenium, Total (7782-49-2)		X										
11M. Silver, Total (7440-22-4)		X										
12M. Thallium, Total (7440-28-0)		X										
13M. Zinc, Total (7440-66-6)		X										
14M. Cyanide, Total (57-12-5)		X										
15M. Phenols, Total		X										
DIOXIN												
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)		X										
DESCRIBE RESULTS												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE (optional)				
		a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVRG. VALUE (if available)	d. NO. OF ANALYSES	a. CONCEN- TRATION (1) CONCENTRATION (2) MASS	b. MASS (2) MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS												
1V. Acrolein (107-02-8)			X									
2V. Acrylonitrile (107-13-1)			X									
3V. Benzene (71-43-2)			X									
4V. Bis (Chloro- methyl) Ether (542-88-1)			X									
5V. Bromoform (75-25-2)			X									
6V. Carbon Tetrachloride (56-23-5)			X									
7V. Chlorobenzene (108-90-7)			X									
8V. Chlorodi- bromomethane (124-48-1)			X									
9V. Chloroethane (75-00-3)			X									
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X									
11V. Chloroform (67-66-3)			X									
12V. Dichloro- bromomethane (75-27-4)			X									
13V. Dichloro- difluoromethane (75-71-8)			X									
14V. 1,1-Dichloro- ethane (75-34-3)			X									
15V. 1,2-Dichloro- ethane (107-06-2)			X									
16V. 1,1-Dichloro- ethylene (75-35-4)			X									
17V. 1,2-Dichloro- propane (78-87-5)			X									
18V. 1,3-Dichloro- propylene (542-75-6)			X									
19V. Ethylbenzene (100-41-4)			X									
20V. Methyl Bromide (74-83-9)			X									
21V. Methyl Chloride (74-87-3)			X									

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE (optional)			
		a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELOVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) CONCENTRATION (1) CONCENTRATION (2) MASS	c. LONG TERM AVERAGE VALUE (if available) CONCENTRATION (1) CONCENTRATION (2) MASS	d. NO. OF ANALYSES	a. CONCEN- TRATION (1) MASS	b. MASS (2) MASS	a. LONG TERM AVERAGE VALUE (1) MASS
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)											
22V Methylene Chloride (75-09-2)			X								
23V 1,1,2,2-Tetrachloroethane (79-34-5)			X								
24V Tetrachloro-ethylene (127-18-4)			X								
25V Toluene (108-88-3)			X								
26V 1,2-Trans-Dichloroethylene (156-60-5)			X								
27V 1,1,1-Trichloro-ethane (71-55-6)			X								
28V 1,1,2-Trichloro-ethane (79-00-5)			X								
29V Trichloro-ethylene (79-01-6)			X								
30V Trichlorofluoromethane (75-69-4)			X								
31V Vinyl Chloride (75-01-4)			X								
GC/MS FRACTION – ACID COMPOUNDS											
1A 2-Chlorophenol (95-57-8)			X								
2A 2,4-Dichlorophenol (120-83-2)			X								
3A 2,4-Dimethylphenol (105-67-9)			X								
4A 4,6-Dinitro-O-Cresol (534-52-1)			X								
5A 2,4-Dinitrophenol (51-28-5)			X								
6A 2-Nitrophenol (88-75-5)			X								
7A 4-Nitrophenol (100-02-7)			X								
8A P-Chloro-M-Cresol (59-50-7)			X								
9A Pentachlorophenol (87-86-5)			X								
10A Phenol (108-95-2)			X								
11A 2,4,6-Trichlorophenol (88-05-2)			X								

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT (if available)		4. UNITS		5. INTAKE (optional)	
	a TESTING REQUIRED	b BELIEVED PRESENT	c BELIEVED ABSENT	a MAXIMUM DAILY VALUE (1) CONCENTRATION	b MAXIMUM 30 DAY VALUE (if available) (2) MASS	c LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	d NO. OF ANALYSES (2) MASS	a CONCEN- TRATION (1) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS								
1B. Acenaphthene (83-32-9)		X						
2B. Acenaphthylene (208-96-8)		X						
3B. Anthracene (120-12-7)		X						
4B. Benzidine (92-37-5)		X						
5B. Benzo (a) Anthracene (56-35-3)		X						
6B. Benzo (a) Pyrene (50-32-8)		X						
7B. 3,4-Benzo- fluoranthene (205-99-2)		X						
8B. Benzo (b)Phe- nylene (191-24-2)		X						
9B. Benzo (k) Fluoranthene (207-08-9)		X						
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)		X						
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)		X						
12B. Bis (2- Chloroisopropyl) Ether (102-280-1)		X						
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)		X						
14B. 4-Bromophenyl Phenyl Ether (101-55-3)		X						
15B. Butyl Benzyl Phthalate (85-68-7)		X						
16B. 2-Chloro- naphthalene (91-58-7)		X						
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)		X						
18B. Chrysene (218-01-9)		X						
19B. Dibenz (a,h) Anthracene (53-70-3)		X						
20B. 1,2-Dichloro- benzene (95-50-1)		X						
21B. 1,3-Dichloro- benzene (541-73-1)		X						

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	d. NO. OF ANALYSES	a. CONCEN- TRATION (2) MASS CONCENTRATION (2) MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS CONCENTRATION (2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)									
22B. 1,4-Dichloro-benzene (106-46-7)			X						
23B. 3,3-Dichloro-benzidine (91-94-1)			X						
24B. Diethyl Phthalate (84-66-2)			X						
25B. Dimethyl Phthalate (131-11-3)			X						
26B. Di-N-Butyl Phthalate (84-74-2)			X						
27B. 2,4-Dinitrotoluene (121-14-2)			X						
28B. 2,6-Dinitrotoluene (606-20-2)			X						
29B. Di-N-Octyl Phthalate (117-84-0)			X						
30B. 1,2-Diphenylhydrazine (as Azo-benzene) (122-66-7)			X						
31B. Fluoranthene (206-44-0)			X						
32B. Fluorene (86-73-7)			X						
33B. Hexachlorobenzene (118-74-1)			X						
34B. Hexachlorobutadiene (87-68-3)			X						
35B. Hexachlorocyclopentadiene (77-47-4)			X						
36B. Hexachloroethane (67-72-1)			X						
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X						
38B. Isophorone (78-59-1)			X						
39B. Naphthalene (91-20-3)			X						
40B. Nitrobenzene (98-95-3)			X						
41B. N-Nitroso-dimethylamine (62-75-9)			X						
42B. N-Nitrosod-N-Propylamine (621-64-7)			X						

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE <i>(optional)</i>			
		a. TESTING REQUIRED	b. PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE ⁽¹⁾ CONCENTRATION	b. MASS ⁽²⁾ CONCENTRATION	c. LONG TERM AVRG. VALUE <i>(if available)</i>	d. NO. OF ANALYSES	a. CONCEN- TRATION ⁽¹⁾ (2) MASS	b. MASS ⁽¹⁾ (2) MASS	a. LONG TERM AVERAGE VALUE <i>(if available)</i>
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS <i>(continued)</i>											
43B N-Nitro- sodiphenylamine (86-30-6)			X								
44B Phenanthrene (85-01-8)			X								
45B Pyrene (129-00-0)			X								
46B 1,2,4-Tri- chlorobenzene (120-82-1)			X								
GC/MS FRACTION - PESTICIDES											
1P Aldrin (309-00-2)				X							
2P α -BHC (319-84-6)				X							
3P β -BHC (319-85-7)				X							
4P γ -BHC (58-89-9)				X							
5P δ -BHC (319-86-8)				X							
6P Chlordane (57-74-9)				X							
7P 4,4'-DDT (50-29-3)				X							
8P 4,4'-DDE (72-55-9)				X							
9P 4,4'-DDD (72-54-8)				X							
10P Dieldrin (60-57-1)				X							
11P α -Endosulfan (115-29-7)				X							
12P β -Endosulfan (115-29-7)				X							
13P Endosulfan Sulfate (1031-07-8)				X							
14P Endrin (72-20-8)				X							
15P Endrin Aldehyde (7421-93-4)				X							
16P Heptachlor (76-44-8)				X							

CONTINUED FROM PAGE V-8	EPA I.D. NUMBER (<i>copy from Item 1 of Form I</i>) OH - 0012661	OUTFALL NUMBER 002; 003
-------------------------	---	----------------------------

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"			3. EFFLUENT			4. UNITS			5. INTAKE <i>(optional)</i>		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVRG. VALUE <i>(if available)</i>	d. NO. OF ANALYSES	a. CONCENTRATION (1) (2) MASS	b. MASS	a. CONCENTRATION (1) (2) MASS	b. NO. OF ANALYSES	
GC/Ms FRACTION - PESTICIDES <i>(continued)</i>												
17P Heptachlor Epoxide (1924-57-3)			X									
18P PCB-1242 (53469-21-9)			X									
19P PCB-1254 (11097-69-1)			X									
20P PCB-1221 (11104-28-2)			X									
21P PCB-1232 (11141-16-5)			X									
22P PCB-1248 (12672-29-6)			X									
23P PCB-1260 (11096-82-5)			X									
24P PCB-1016 (12674-11-2)			X									
25P Toxaphene (8001-35-2)			X									

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages.
SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy): from Item 1 of Form 1)
OH - 0012661

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT <i>(if available)</i>	2. EFFLUENT		3. UNITS <i>(specify if blank)</i>		4. INTAKE <i>(optional)</i>	
	a. MAXIMUM DAILY VALUE <i>(if available)</i>	b. MAXIMUM 30 DAY VALUE <i>(if available)</i>	c. LONG TERM AVRG. VALUE <i>(if available)</i>	d. NO. OF ANALYSES	a. CONCENTRATION <i>(1)</i>	a. LONG TERM AVERAGE VALUE <i>(if available)</i>
a. Biochemical Oxygen Demand (<i>BOD</i>)	4 . 2 mg/l				b. MASS	b. NO. OF ANALYSES
b. Chemical Oxygen Demand (<i>COD</i>)	3 9 mg/l					
c. Total Organic Carbon (<i>TOC</i>)	12 . 7 mg/l					
d. Total Suspended Solids (<i>TSS</i>)	ND					
e. Ammonia (as N)	. 7 8 mg/l					
f. Flow	VALUE less than 1 mgd	VALUE	VALUE		VALUE	
g. Temperature (<i>winter</i>)	VALUE	VALUE	VALUE		°C	VALUE
h. Temperature (<i>summer</i>)	VALUE 24 . 4 °C	VALUE	VALUE		°C	VALUE
i. pH	MINIMUM 6 . 6 S.U.	MAXIMUM 8 . 9 S.U.	MINIMUM MAXIMUM			
					STANDARD UNITS	
2. MARK "X"						
1. POLLUTANT AND CAS NO. <i>(if available)</i>	a. BELIEVED PRESENT	b. ABSENT	c. LONG TERM AVRG. VALUE <i>(if available)</i>	d. NO. OF ANALYSES	e. CONCENTRATION <i>(1)</i>	f. CONCENTRATION <i>(2)</i>
a. Bromide (24959-67-9)	X					
b. Chlorine, Total Residual	X					
c. Color	X					
d. Fecal Coliform	X					
e. Fluoride (16984-48-8)	X					
f. Nitrate-Nitrite (as N)	X					

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. <i>(if available)</i>	2. MARK "X"		3. EFFLUENT		4. UNITS		5. INTAKE <i>(optional)</i>	
	a. MAXIMUM DAILY VALUE <i>(1)</i>	b. MAXIMUM 30 DAY VALUE <i>(if available)</i>	c. LONG TERM AVRG. VALUE <i>(if available)</i>	d. NO. OF ANALYSES	a. CONCENTRATION <i>(1)</i>	a. LONG TERM AVERAGE VALUE <i>(2)</i>	b. NO. OF ANALYSES	
a. Bromide (24959-67-9)	X							
b. Chlorine, Total Residual	X							
c. Color	X							
d. Fecal Coliform	X							
e. Fluoride (16984-48-8)	X							
f. Nitrate-Nitrite (as N)	X							

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO (if available)	2. MARK "X"	3. EFFLUENT						4. UNITS						5. INTAKE (optional)		
		a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MASS (2) MASS	c. LONG TERM AVRG. VALUE (if available)	d. NO. OF ANALYSES	a. CONCENTRATION (1) CONCENTRATION	b. MASS (2) MASS	c. LONG TERM AVRG. VALUE (if available)	d. NO. OF ANALYSES	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	b. NO. OF ANALYSES			
g. Nitrogen, Total Organic (<i>as N</i>)	X															
h. Oil and Grease	X															
i. Phosphorus (as P), Total (7723-14-0)	X															
j. Radioactivity																
(1) Alpha, Total	X															
(2) Beta, Total	X															
(3) Radium, Total	X															
(4) Radium 226, Total	X															
k. Sulfate (<i>as SO₄</i>) (14808-79-8)	X					509 MG/L										
l. Sulfide (<i>as S</i>)	X															
m. Sulfite (<i>as SO₃</i>) (14265-45-3)	X															
n. Surfactants	X															
o. Aluminum, Total (7429-90-5)	X					1.0 MG/L										
p. Barium, Total (7440-39-3)	X					.1 MG/L										
q. Boron, Total (7440-42-8)	X					.67 MG/L										
r. Cobalt, Total (7440-48-4)	X															
s. Iron, Total (7439-89-6)	X					.19 MG/L										
t. Magnesium, Total (7439-95-4)	X															
u. Molybdenum, Total (7439-98-7)	X															
v. Manganese, Total (7439-96-5)	X					.3 MG/L										
w. Tin, Total (7440-31-5)	X															
x. Titanium, Total (7440-32-6)	X															

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER (<i>copy from Item 1 of Form 1</i>)	OUTFALL NUMBER
OH-0012661	007

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (<i>if available</i>)	2. MARK "X"			3. EFFLUENT			4. UNITS			5. INTAKE (<i>optional</i>)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (<i>if available</i>)	b. MAXIMUM 30 DAY VALUE (<i>if available</i>)	c. LONG TERM AVRG. VALUE (<i>if available</i>)	d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE ⁽¹⁾	b. NO. OF ANALYSES	a. CONCENTRATION ⁽¹⁾
METALS, CYANIDE, AND TOTAL PHENOLS												
1M. Antimony, Total (7440-36-0)	<input checked="" type="checkbox"/>											
2M. Arsenic, Total (7440-38-2)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		
3M. Beryllium, Total (7440-41-7)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>								
4M. Cadmium, Total (7440-43-9)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		
5M. Chromium, Total (7440-47-3)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		
6M. Copper, Total (7440-50-8)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>								
7M. Lead, Total (7439-92-1)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>								
8M. Mercury, Total (7439-97-6)	<input checked="" type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		
9M. Nickel, Total (7440-02-0)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>								
10M. Selenium, Total (7782-49-2)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		
11M. Silver, Total (7440-22-4)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>								
12M. Thallium, Total (7440-28-0)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>								
13M. Zinc, Total (7440-66-6)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>								
14M. Cyanide, Total (57-12-5)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>								
15M. Phenols, Total	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>								
DIOXIN												
2,3,7,8-Tetra- chlorodibenz-p- Dioxin (1764-01-6)				<input checked="" type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE (optional)				
		a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (<i>if available</i>)	b. MAXIMUM 30 DAY VALUE (<i>if available</i>)	c. LONG TERM AVRG. VALUE (<i>if available</i>)	d. NO. OF ANALYSES	a. CONCENTRATION (⁽¹⁾ MASS CONCENTRATION (⁽²⁾ MASS CONCENTRATION)	b. MASS CONCENTRATION (⁽¹⁾ MASS CONCENTRATION (⁽²⁾ MASS CONCENTRATION)	a. LONG TERM AVERAGE VALUE	b. NO. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS												
1V. Acrolein (107-02-8)	X											
2V. Acrylonitrile (107-13-1)	X											
3V. Benzene (71-43-2)	X											
4V. Bis (<i>Chloro-methyl</i>) Ether (542-88-1)	X											
5V. Bromoform (75-25-2)	X											
6V. Carbon Tetrachloride (56-23-5)	X											
7V. Chlorobenzene (108-90-7)	X											
8V. Chlорo-dibromomethane (124-48-1)	X											
9V. Chloroethane (75-00-3)	X											
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X											
11V. Chloroform (67-66-3)	X											
12V. Dichloro-bromomethane (75-27-4)	X											
13V. Dichloro-difluoromethane (75-71-8)	X											
14V. 1,1-Dichloro-ethane (75-34-3)	X											
15V. 1,2-Dichloro-ethane (107-06-2)	X											
16V. 1,1-Dichloro-ethylene (75-35-4)	X											
17V. 1,2-Dichloro-propane (78-87-5)	X											
18V. 1,3-Dichloro-propylene (542-75-6)	X											
19V. Ethylbenzene (100-41-4)	X											
20V. Methyl Bromide (74-83-9)	X											
21V. Methyl Chloride (74-87-3)	X											

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	a. TESTING REQUIRED	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE (optional)		
			b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (¹ if available)	b. MAXIMUM 30 DAY VALUE (¹ if available)	c. LONG TERM AVRG. VALUE (<i>if available</i>)	d. NO. OF ANALYSES	e. CONCENTRATION (¹) MASS	f. MASS (¹) CONCENTRATION (²) MASS	g. LONG TERM AVERAGE VALUE (¹)
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)											
22V Methylene Chloride (75-09-2)		X									
23V 1,1,2,2-Tetrachloroethane (79-34-5)		X									
24V Tetrachloro-ethylene (127-18-4)		X									
25V Toluene (108-88-3)		X									
26V 1,2-Trans-Dichloroethylene (156-60-5)		X									
27V 1,1,1-Trichloro-ethane (71-55-6)		X									
28V 1,1,2-Trichloro-ethane (79-00-5)		X									
29V Trichloro-ethylene (79-01-6)		X									
30V Trichloro-fluoromethane (75-69-4)		X									
31V Vinyl Chloride (75-01-4)		X									
GC/MS FRACTION – ACID COMPOUNDS											
1A. 2-Chlorophenol (95-57-8)			X								
2A. 2,4-Dichlorophenol (120-83-2)			X	X							
3A. 2,4-Dimethyl-phenol (105-67-9)			X	X							
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X	X							
5A. 2,4-Dinitro-phenol (51-28-5)			X	X							
6A. 2-Nitrophenol (88-75-5)			X	X							
7A. 4-Nitrophenol (100-02-7)			X	X							
8A. P-Chloro-M-Cresol (59-50-7)			X	X							
9A. Pentachloro-phenol (87-36-5)			X	X							
10A. Phenol (108-95-2)			X	X							
11A. 2,4,6-Trichloro-phenol (88-35-2)			X	X							

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT			4. UNITS			5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELOVED PRESENT	c. BELOVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVRG. VALUE (if available)	d. NO. OF ANALYSES	a. CONCEN- TRATION (1) CONCENTRATION	b. MASS (2) MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	b. NO. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS												
1B. Acenaphthene (83-32-9)			X									
2B. Acenaphthylene (208-96-8)			X									
3B. Anthracene (120-12-7)			X									
4B. Benzidine (92-87-5)			X									
5B. Benzo (<i>α</i>) Anthracene (56-55-3)			X									
6B. Benzo (<i>α</i>) Pyrene (50-32-8)			X									
7B. 3,4-Benzo- fluoranthene (205-39-2)			X									
8B. Benzo (<i>κ</i> ₁ <i>β</i> ₁) Perylene (91-24-2)			X									
9B. Benzo (<i>k</i>) Fluoranthene (207-08-9)			X									
10B. Bis (2-Chloro- <i>ethyl</i>) Methane (111-91-1)			X									
11B. Bis (2-Chloro- <i>ethyl</i>) Ether (111-44-4)			X									
12B. Bis (2- Chloroisopropyl) Ether (102-80-1)			X									
13B. Bis (2-Ethyl- <i>hexyl</i>) Phthalate (117-81-7)			X									
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X									
15B. Butyl Benzyl Phthalate (85-68-7)			X									
16B. 2-Chloro- naphthalene (91-58-7)			X									
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)			X									
18B. Chrysene (218-01-9)			X									
19B. Dibenzo (<i>α,ii</i>) Anthracene (53-70-3)			X									
20B. 1,2-Dichloro- benzene (95-50-1)			X									
21B. 1,3-Dichloro- benzene (541-73-1)			X									

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"		3. EFFLUENT			4. UNITS			5. INTAKE (optional)		
	a. TESTING REQUIRED	b. PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE	b. MAXIMUM 30 DAY VALUE <i>(if available)</i>	c. LONG TERM AVRG. VALUE <i>(if available)</i>	d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	(1) CONCENTRATION	(2) MASS
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION				(1) CONCENTRATION	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)											
22B. 1,4-Dichloro-benzene (106-46-7)			X								
23B. 3,3-Dichloro-benzidine (91-94-1)			X								
24B. Diethyl Phthalate (84-66-2)			X								
25B. Dimethyl Phthalate (131-11-3)			X								
26B. Di-N-Butyl Phthalate (84-74-2)			X								
27B. 2,4-Dinitrotoluene (121-14-2)			X								
28B. 2,6-Dinitrotoluene (606-20-2)			X								
29B. Di-N-Cetyl Phthalate (117-84-0)			X								
30B. 1,2-Diphenyl-hydrazine (as Azo-benzene) (122-66-7)			X								
31B. Fluoranthene (206-44-0)			X								
32B. Fluorene (86-73-7)			X								
33B. Hexachlorobenzene (118-74-1)			X								
34B. Hexachlorobutadiene (87-68-3)			X								
35B. Hexachlorocyclopentadiene (77-47-4)			X								
36B. Hexachloroethane (67-72-1)			X								
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X								
38B. Isophorone (78-59-1)			X								
39B. Naphthalene (91-20-3)			X								
40B. Nitrobenzene (98-95-3)			X								
41B. N-Nitro-sodimethylamine (62-75-9)			X								
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X								

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE <i>(optional)</i>		
		a TESTING REQUIRED	b BELIEVED PRESENT	c BELIEVED ABSENT	a MAXIMUM DAILY VALUE ⁽¹⁾	b MAXIMUM 30 DAY VALUE <i>(if available)</i>	c LONG TERM AVRG. VALUE <i>(if available)</i>	d NO. OF ANALYSES	a CONCEN- TRATION ⁽¹⁾	b MASS ⁽¹⁾
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS <i>(continued)</i>										
43B N-Nitro-sodiphenylamine (86-30-6)			X							
44B Phenanthrene (85-01-8)			X							
45B Pyrene (129-00-0)			X							
46B 1,2,4-Tri-chlorobenzene (120-82-1)			X							
GC/MS FRACTION – PESTICIDES										
1P Aldrin (309-00-2)			X							
2P α -BHC (319-84-6)			X							
3P β -BHC (319-85-7)			X							
4P γ -BHC (58-89-9)			X							
5P δ -BHC (319-86-8)			X							
6P Chlordane (57-74-9)			X							
7P 4,4'-DDT (50-29-3)			X							
8P 4,4'-DDE (72-55-9)			X							
9P 4,4'-DDD (72-54-8)			X							
10P Dieldrin (60-57-1)			X							
11P α -Endosulfan (115-29-7)			X							
12P β -Endosulfan (115-29-7)			X							
13P Endosulfan Sulfate (1031-07-8)			X							
14P Endrin (72-20-8)			X							
15P Endrin Aldehyde (7421-93-4)			X							
16P Heptachlor (76-44-8)			X							

CONTINUED FROM PAGE V-8	EPA I.D. NUMBER (copy from Item 1 of Form I)	CUTFALL NUMBER
	OH- 0012661	007

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE (optional)		
		a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS CONCENTRATION	a. CONCEN- TRATION (1) (2) MASS CONCENTRATION	d. NO. OF ANALYSES	a. LONG TERM AVERAGE VALUE (if available)	a. LONG TERM AVERAGE VALUE (if available)
GC/MS FRACTION - PESTICIDES (continued)										
17P Heptachlor Epoxide (1024-57-3)			X							
18P PCB-1242 (53469-21-9)			X							
19P PCB-1254 (11097-69-1)			X							
20P PCB-1221 (11104-28-2)			X							
21P PCB-1232 (11141-16-5)			X							
22P PCB-1248 (12672-29-6)			X							
23P PCB-1260 (11096-82-5)			X							
24P PCB-1016 (12674-11-2)			X							
25P Toxaphene (8001-35-2)			X							

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages.
SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1)
OH - 0012661

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT <i>(if available)</i>	2. EFFLUENT		3. UNITS <i>(specify if blank)</i>		4. INTAKE <i>(optional)</i>	
	a. MAXIMUM DAILY VALUE <i>(1)</i> CONCENTRATION	b. MAXIMUM 30 DAY VALUE <i>(if available)</i> (2) MASS	c. LONG TERM AVERAGE VALUE <i>(if available)</i> (1) CONCENTRATION	d. NO. OF ANALYSES	a. CONCENTRATION <i>(1)</i> (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (<i>BOD</i>)	4 .2 mg/l					
b. Chemical Oxygen Demand (<i>COD</i>)	3 9 mg/l					
c. Total Organic Carbon (<i>TOC</i>)	12 .7 mg/l					
d. Total Suspended Solids (<i>TSS</i>)	ND					
e. Ammonia (<i>as N</i>)	.78 mg/l					
f. Flow	VALUE less than 1 mgd	VALUE	VALUE		VALUE	
g. Temperature (<i>winter</i>)	VALUE	VALUE	VALUE		°C	
h. Temperature (<i>summer</i>)	24 .4 °C	VALUE	VALUE		°C	
i. pH	MINIMUM 6 .6 S.U.	MAXIMUM 8 .9 S.U.	MINIMUM	MAXIMUM		STANDARD UNITS
PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one, analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.						
2. MARK "X"		3. EFFLUENT		4. UNITS		
1. POLLUTANT AND CAS NO <i>(if available)</i>	a. BELIEVED PRESENT	b. ABSENT	a. MAXIMUM DAILY VALUE <i>(1)</i> CONCENTRATION	b. MAXIMUM 30 DAY VALUE <i>(if available)</i> (2) MASS	c. LONG TERM AVERAGE VALUE <i>(if available)</i> (1) CONCENTRATION (2) MASS	d. NO. OF ANALYSES
a. Bromide (24959-67-9)	X					
b. Chlorine, Total Residual	X					
c. Color	X					
d. Fecal Coliform	X					
e. Fluoride (16984-48-8)	X					
f. Nitrate-Nitrite (as N)	X					

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. <i>(if available)</i>	2. MARK "X"		3. EFFLUENT <i>(if available)</i>			4. UNITS			5. INTAKE <i>(optional)</i>		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONCENTRATION (2) MASS	c. LONG TERM AVERAGE VALUE <i>(if available)</i>	d. NO. OF ANALYSES	a. CONCEN- TRATION (1) CONCENTRATION (2) MASS	b. MASS (1) CONCENTRATION (2) MASS	a. LONG TERM AVERAGE VALUE <i>(if available)</i>	b. NO. OF ANALYSES	
g. Nitrogen, Total Organic (as N)	X										
h. Oil and Grease	X										
i. Phosphorous (as P), Total (7723-14-0)	X										
j. Radioactivity											
(1) Alpha, Total	X										
(2) Beta, Total	X										
(3) Radium, Total	X										
(4) Radium 226, Total	X										
k. Sulfate (as SO ₄) (14808-79-8)	X		2640 MG/L								
l. Sulfide (as S) (14265-45-3)	X										
m. Sulfite (as SO ₃)	X										
n. Surfactants	X										
o. Aluminum, Total (7429-90-5)	X		.3 MG/L								
p. Barium, Total (7440-39-3)	X		.1 MG/L								
q. Boron, Total (7440-42-8)	X		.336 MG/L								
r. Cobalt, Total (7440-48-4)	X										
s. Iron, Total (7439-89-6)	X		.32 MG/L								
t. Magnesium, Total (7439-95-4)	X										
u. Molybdenum, Total (7439-98-7)	X										
v. Manganese, Total (7439-96-5)	X		.129 MG/L								
w. Tin, Total (7440-31-5)	X										
x. Titanium, Total (7440-32-6)	X										

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OH-0012661	011

<p>PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions), mark "X" in column 2-b for each pollutant you believe is present. Mark "X" in column 2-c for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (all 7 pages) for each outfall. See instructions for additional details and requirements.</p>									
1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (¹) CONCENTRATION	b. MASS (2) MASS	c. LONG TERM AV/RG. VALUE (if available) (¹) CONCENTRATION	d. NO OF ANALYSES (2) MASS	a. CONCEN-TRATION ⁽¹⁾ CONCENTRATION	b. MASS ⁽¹⁾ CONCENTRATION (2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony Total (7440-36-0)			X						
2M. Arsenic, Total (7440-38-2)		X			.0021MG/L				
3M. Beryllium, Total (7440-41-7)			X						
4M. Cadmium, Total (7440-33-9)		X			.04 MG/L				
5M. Chromium, Total (7440-47-3)		X			.023 MG/L				
6M. Copper, Total (7440-50-8)			X						
7M. Lead, Total (7439-92-1)			X						
8M. Mercury, Total (7439-97-6)			X		1.36 NG/L				
9M. Nickel, Total (7440-02-0)			X						
10M. Selenium, Total (7782-49-2)			X		.0015MG/L				
11M. Silver, Total (7440-22-4)			X						
12M. Thallium, Total (7440-28-0)			X						
13M. Zinc, Total (7440-66-6)			X		.01 MG/L				
14M. Cyanide, Total (57-12-5)			X						
15M. Phenols, Total			X						
DIOXIN									
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)									
DESCRIBE RESULTS									

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE (optional)		
		a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MASS CONCENTRATION (2)	c. LONG TERM AVRG. VALUE (if available)	a. CONCEN- TRATION (1) MASS	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2)
GC/MS FRACTION - VOLATILE COMPOUNDS										
1V Acrolein (107-02-8)	X									
2V Acrylonitrile (107-13-1)	X									
3V Benzene (71-43-2)	X									
4V Bis (chloro-methyl) Ether (542-88-1)	X									
5V Bromoform (75-25-2)	X									
6V Carbon Tetrachloride (56-23-5)	X									
7V Chlorobenzene (108-90-7)	X									
8V Chlorodibromomethane (124-48-1)	X									
9V Chloroethane (75-00-3)	X									
10V 2-Chloroethylvinyl Ether (110-75-8)	X									
11V Chloroform (67-66-3)	X									
12V Dichlorobromomethane (75-27-4)	X									
13V Dichlorodifluoromethane (75-71-8)	X									
14V 1,1-Dichloroethane (75-34-3)	X									
15V 1,2-Dichloroethane (107-06-2)	X									
16V 1,1-Dichloroethylene (75-35-4)	X									
17V 1,2-Dichloropropane (78-87-5)	X									
18V 1,3-Dichloropropylene (542-75-6)	X									
19V Ethylbenzene (100-41-4)	X									
20V Methyl Bromide (74-83-9)	X									
21V Methyl Chloride (74-87-3)	X									

CONTINUED FROM PAGE V.4

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"		3. EFFLUENT				4. UNITS				5. INTAKE (<i>optional</i>)	
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELOVED ABSENT	a. MAXIMUM DAILY VALUE (<i>if available</i>)	b. MAXIMUM 30 DAY VALUE (<i>if available</i>)	c. LONG TERM AVR.G. VALUE (<i>if available</i>)	d. NO. OF ANALYSES	a CONCEN- TRATION (¹)	b. MASS CONCENTRATION (¹)	a CONCEN- TRATION (¹)	b. MASS CONCENTRATION (¹)	a LONG TERM AVERAGE VALUE ^b
GC/MS FRACTION - VOLATILE COMPOUNDS (<i>continued</i>)												
22V. Methylene Chloride (75-09-2)		X										
23V. 1,1,2,2-Tetrachloroethane (79-34-5)		X										
24V. Tetrachloro-ethylene (127-18-4)		X										
25V. Toluene (108-88-3)		X										
26V. 1,2-Trans-Dichloroethylene (156-60-5)		X										
27V. 1,1,1-Trichloro-ethane (71-55-6)		X										
28V. 1,1,2-Trichloro-ethane (79-00-5)		X										
29V. Trichloro-ethylene (79-01-6)		X										
30V. Trichloro-fluoromethane (75-69-4)		X										
31V. Vinyl Chloride (75-01-4)		X										
GC/MS FRACTION - ACID COMPOUNDS												
1A. 2-Chlorophenol (95-57-8)		X										
2A. 2,4-Dichloro-phenol (120-83-2)		X										
3A. 2,4-Dimethyl-phenol (105-67-9)		X										
4A. 4,6-Dinitro-O-Cresol (534-52-1)		X										
5A. 2,4-Dinitro-phenol (51-28-5)		X										
6A. 2-Nitrophenol (88-75-5)		X										
7A. 4-Nitrophenol (100-02-7)		X										
8A. P-Chloro-M-Cresol (59-50-7)		X										
9A. Pentachloro-phenol (87-86-5)		X										
10A. Phenol (108-96-2)		X										
11A. 2,4,6-Trichloro-phenol (88-05-2)		X										

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT			4. UNITS			5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1)	b. MAXIMUM DAILY VALUE (if available)	c. LONG TERM AVRG. VALUE (if available)	a. CONCEN-TRATION (1)	b. MASS CONCENTRATION (2)	a. CONCEN-TRATION (1)	b. MASS CONCENTRATION (2)	a. NO. OF ANALYSES	b. NO. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS												
1B. Acenaphthene (83-32-9)			X									
2B. Acenaphthyrene (208-96-8)			X									
3B. Anthracene (120-12-7)			X									
4B. Benzidine (92-87-5)			X									
5B. Benzo (a) Anthracene (56-55-3)			X									
6B. Benzo (a) Pyrene (50-32-8)			X									
7B. 3,4-Benzo-fluoranthene (205-99-2)			X									
8B. Benzo (a) Perylene (191-24-2)			X									
9B. Benzo (k) Fluoranthene (207-08-9)			X									
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)			X									
11B. Bis (2-Chloro-ethoxy) Ether (111-44-4)			X									
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X									
13B. Bis (2-Ethoxy- <i>hexyl</i>) Phthalate (117-81-7)			X									
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X									
15B. Butyl Benzyl Phthalate (85-68-7)			X									
16B. 2-Chloronaphthalene (91-58-7)			X									
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X									
18B. Chrysene (218-01-9)			X									
19B. Dibenzo (a,h) Anthracene (53-70-3)			X									
20B. 1,2-Dichlorobenzene (95-50-1)			X									
21B. 1,3-Dichlorobenzene (541-73-1)			X									

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"		3. EFFLUENT			4. UNITS			5. INTAKE <i>(optional)</i>		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE ⁽¹⁾	b. MAXIMUM 30 DAY VALUE <i>(if available)</i>	c. LONG TERM AVERAGE VALUE <i>(if available)</i>	d. NO. OF ANALYSES	e. CONCEN- TRATION ⁽¹⁾	f. MASS CONCENTRATION ⁽²⁾	g. CONCEN- TRATION ⁽¹⁾	h. MASS CONCENTRATION ⁽²⁾
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS <i>(continued)</i>											
22B. 1,4-Dichloro-benzene (106-46-7)		X									
23B. 3,3-Dichloro-benzidine (91-94-1)			X								
24B. Diethyl Phthalate (84-66-2)			X								
25B. Dimethyl Phthalate (131-11-3)			X								
26B. Di-N-Butyl Phthalate (84-74-2)			X								
27B. 2,4-Dinitrotoluene (121-14-2)			X								
28B. 2,6-Dinitrotoluene (606-20-2)			X								
29B. Di-N-Octyl Phthalate (11-84-0)			X								
30B. 1,2-Diphenylhydrazine (as Azo-benzene) (122-66-7)			X								
31B. Fluoranthene (206-44-0)			X								
32B. Fluorene (86-73-7)			X								
33B. Hexachlorobenzene (118-74-1)			X								
34B. Hexachlorobutadiene (87-68-3)			X								
35B. Hexachlorocyclopentadiene (77-47-4)			X								
36B. Hexachloroethane (67-72-1)			X								
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X								
38B. Isophorone (78-59-1)			X								
39B. Naphthalene (91-20-3)			X								
40B. Nitrobenzene (98-95-3)			X								
41B. N-Nitrosodimethylamine (62-75-9)			X								
42B. N-Nitrosod-N-Propylamine (621-64-7)			X								

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"		3. EFFLUENT				4. UNITS		5. INTAKE (<i>optional</i>)	
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (¹)	b. MAXIMUM 30 DAY VALUE <i>(if available)</i>	c. LONG TERM AVG. VALUE <i>(if available)</i>	d. NO. OF ANALYSES	a. CONCENTRATION (¹)	b. MASS CONCENTRATION (¹)	a. LONG TERM AVERAGE VALUE <i>(if available)</i>
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS <i>(continued)</i>										
43B N-Nitro-sodiphenylamine (86-30-6)		X								
44B Phenanthrene (85-01-8)		X								
45B Pyrene (129-00-0)		X								
46B 1,2,4-Tri-chlorobenzene (120-82-1)		X								
GC/MS FRACTION - PESTICIDES										
1P. Aldrin (309-00-2)		X								
2P. α -BHC (319-84-6)		X								
3P. β -BHC (319-85-7)		X								
4P. γ -BHC (58-89-9)		X								
5P. δ -BHC (319-86-8)		X								
6P. Chlordane (57-74-9)		X								
7P. 4,4'-DDT (50-29-3)		X								
8P. 4,4'-DDE (72-55-9)		X								
9P. 4,4'-DDD (72-54-8)		X								
10P. Dieldrin (60-57-1)		X								
11P. α -Endosulfan (115-29-7)		X								
12P. β -Endosulfan (115-29-7)		X								
13P. Endosulfan Sulfate (1031-07-8)		X								
14P. Endrin (72-20-8)		X								
15P. Endrin Aldehyde (74-21-93-4)		X								
16P. Heptachlor (76-44-8)		X								

CONTINUED FROM PAGE V-8	EPA I.D. NUMBER (copy from Item 1 of Form I)	CUTFALL NUMBER
	OH - 0012661	.011

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE <i>(optional)</i>			
		a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE <i>(if available)</i>	b. MAXIMUM 30 DAY VALUE <i>(if available)</i>	c. LONG TERM AVERAGE VALUE <i>(if available)</i>	d. NO. OF ANALYSES	a. CONCENTRATION ⁽¹⁾	b. CONCENTRATION ⁽¹⁾	a. LONG TERM AVERAGE VALUE <i>(if available)</i>
GC/MS FRACTION - PESTICIDES <i>(continued)</i>											
17P. Heptachlor Epoxyde (1024-57-3)	X										
18P. PCB-1242 (53469-21-9)		X									
19P. PCB-1254 (11097-69-1)		X									
20P. PCB-1221 (11104-28-2)		X									
21P. PCB-1232 (11141-16-5)		X									
22P. PCB-1248 (12672-29-6)		X									
23P. PCB-1260 (11096-82-5)		X									
24P. PCB-1016 (12674-11-2)		X									
25P. Toxaphene (8001-35-2)		X									

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages.
SEE INSTRUCTIONS.

EPA ID. NUMBER (copy from Item 1 of Form 1)
OH - 0012661

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT <i>(if available)</i>	2. EFFLUENT		3. UNITS <i>(specify if blank)</i>		4. INTAKE <i>(optional)</i>	
	a. MAXIMUM DAILY VALUE <i>(1) CONCENTRATION</i>	b. MAXIMUM 30 DAY VALUE <i>(if available)</i> <i>(2) MASS CONCENTRATION</i>	c. LONG TERM AVRG. VALUE <i>(if available)</i> <i>(1) CONCENTRATION</i>	d. NO. OF ANALYSES	a. CONCENTRATION <i>(1) MASS CONCENTRATION</i>	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (<i>BOD</i>)	4 .2 mg/l					
b. Chemical Oxygen Demand (<i>COD</i>)	3 9 mg/l					
c. Total Organic Carbon (<i>TOC</i>)	12 .7 mg/l					
d. Total Suspended Solids (<i>TSS</i>)	nd					
e. Ammonia (<i>as N</i>)	.78 mg/l					
f. Flow	VALUE Less than 10 mgd	VALUE	VALUE		VALUE	
g. Temperature (winter)	VALUE	VALUE	VALUE		VALUE	
h. Temperature (summer)	VALUE 24 .4 °C	VALUE	VALUE		VALUE °C	
i. pH	MINIMUM 6 .6 S.U.	MAXIMUM 8 .9 S.U.	MINIMUM MAXIMUM		STANDARD UNITS	
PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.						
2. MARK "X"		3. EFFLUENT		4. UNITS		
1. POLLUTANT AND CAS NO. <i>(if available)</i>	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE <i>(1) CONCENTRATION</i>	b. MAXIMUM 30 DAY VALUE <i>(if available)</i> <i>(2) MASS CONCENTRATION</i>	c. LONG TERM AVRG. VALUE <i>(if available)</i> <i>(1) CONCENTRATION</i>	d. NO. OF ANALYSES
a. Bromide (24959-67-9)	X					
b. Chlorine, Total Residual	X					
c. Color	X					
d. Fecal Coliform	X					
e. Fluoride (16984-48-8)	X					
f. Nitrate-Nitrite (as N)	X					

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS				5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (¹) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (¹) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available)	d. NO. OF ANALYSES	a. CONCEN-TRATION (¹) MASS	b. CONCEN-TRATION (¹) MASS	a. LONG TERM AVERAGE VALUE (¹) CONCENTRATION	b. NO. OF ANALYSES	c. LONG TERM AVERAGE VALUE (¹) MASS	d. NO. OF ANALYSES		
g. Nitrogen, Total Organic (<i>as N</i>)	X													
h. Oil and Grease	X													
i. Phosphorus (as P), Total (7723-14-0)	X													
j. Radioactivity														
(1) Alpha, Total	X													
(2) Beta, Total	X													
(3) Radium, Total	X													
(4) Radium 226, Total	X													
k. Sulfate (<i>as SO₄</i>) (14808-79-8)	X													
l. Sulfide (<i>as S</i>)	X				2.950 MG/L									
m. Sulfite (<i>as SO₃</i>) (14265-45-3)	X													
n. Surfactants	X													
o. Aluminum, Total (7429-90-5)	X				.24 MG/L									
p. Barium, Total (7440-39-3)	X				.08 MG/L									
q. Boron, Total (7440-42-8)	X				.755 MG/L									
r. Cobalt, Total (7440-48-4)	X													
s. Iron, Total (7439-89-6)	X				.33 MG/L									
t. Magnesium, Total (7439-95-4)	X													
u. Molybdenum, Total (7439-98-7)	X													
v. Manganese, Total (7439-96-5)	X													
w. Tin, Total (7440-31-5)	X													
x. Titanium, Total (7440-32-6)	X													

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OH - 0012661	013

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. MAXIMUM DAILY VALUE (¹)	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVRG VALUE (if available)	d. NO. OF ANALYSES	a. CONCEN- TRATION (¹)	b. MASS CONCENTRATION (2) MASS	a. LONG TERM AVERAGE VALUE (¹)
METALS, CYANIDE, AND TOTAL PHENOLS									
1M. Antimony, Total (7440-36-0)		X							
2M. Arsenic, Total (7440-38-2)		X		.001 MG/L					
3M. Beryllium, Total (7440-41-7)		X							
4M. Cadmium, Total (7440-43-9)		X		.10 MG/L					
5M. Chromium, Total (7440-47-3)		X		.023 MG/L					
6M. Copper, Total (7440-50-8)		X							
7M. Lead, Total (7439-92-1)		X		.03 mg/l					
8M. Mercury, Total (7439-97-6)		X		1.69 NG/L					
9M. Nickel, Total (7440-02-0)		X		.05 mg/l					
10M. Selenium, Total (7782-49-2)		X		.0011MG/L					
11M. Silver, Total (7440-22-4)		X							
12M. Thallium, Total (7440-28-0)		X							
13M. Zinc, Total (7440-66-6)		X		.01 MG/L					
14M. Cyanide, Total (57-12-5)		X							
15M. Phenols, Total		X							
DIOXIN									
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1176-01-6)				X	DESCRIBE RESULTS				

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE (optional)				
		a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (¹) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (¹) CONCENTRATION	c. LONG TERM AVRG. VALUE (<i>if available</i>)	d. NO. OF ANALYSES	a. CONCENTRATION (¹) MASS CONCENTRATION	b. MASS CONCENTRATION (¹) MASS CONCENTRATION	a. LONG TERM AVERAGE VALUE	b. NO. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS												
1V Acrolein (107-02-8)	X											
2V Acrylonitrile (107-13-1)		X										
3V Benzene (71-43-2)		X										
4V Bis (Chloro-methyl) Ether (542-88-1)		X										
5V Bromoform (75-25-2)		X										
6V Carbon Tetrachloride (56-23-5)		X										
7V Chlorobenzene (108-90-7)		X										
8V Chlorodibromomethane (124-48-1)		X										
9V Chloroethane (75-00-3)		X										
10V 2-Chloroethylvinyl Ether (110-75-8)		X										
11V Chloroform (67-66-3)		X										
12V Dichlorodibromomethane (75-27-4)		X										
13V Dichlorodifluoromethane (75-71-8)		X										
14V 1,1-Dichloroethane (75-34-3)		X										
15V 1,2-Dichloroethane (107-06-2)		X										
16V 1,1-Dichloroethylene (75-35-4)		X										
17V 1,2-Dichloropropane (78-87-5)		X										
18V 1,3-Dichloropropylene (542-75-6)		X										
19V Ethylbenzene (100-41-4)		X										
20V Methyl Bromide (74-83-9)		X										
21V Methyl Chloride (74-87-3)		X										

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT (if available)			4. UNITS			5. INTAKE (optional)	
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MASS (2) MASS	c. LONG TERM AVRG. VALUE (if available)	d. NO. OF ANALYSES	e. CONCEN- TRATION (1) (2) MASS	f. MASS (1) CONCENTRATION (2) MASS	g. NO. OF ANALYSES
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)										
22V. Methylene Chloride (75-09-2)			X							
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X							
24V. Tetrachloroethylene (127-18-4)			X							
25V. Toluene (108-88-3)			X							
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X							
27V. 1,1,1-Trichloroethane (71-55-6)			X							
28V. 1,1,2-Trichloroethane (79-00-5)			X							
29V. Trichloroethylene (79-01-6)			X							
30V. Trichlorofluoromethane (75-69-4)			X							
31V. Vinyl Chloride (75-01-4)			X							
GC/MS FRACTION - ACID COMPOUNDS										
1A. 2-Chlorophenol (95-57-8)			X							
2A. 2,4-Dichlorophenol (120-83-2)			X							
3A. 2,4-Dimethylphenol (105-67-9)			X							
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X							
5A. 2,4-Dinitrophenol (51-28-5)			X							
6A. 2-Nitrophenol (88-75-5)			X							
7A. 4-Nitrophenol (100-02-7)			X							
8A. P-Chloro-M-Cresol (59-50-7)			X							
9A. Pentachlorophenol (87-86-5)			X							
10A. Phenol (108-95-2)			X							
11A. 2,4,6-Trichlorophenol (88-05-2)			X							

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT (if available)			4. UNITS			5. INTAKE (continued)		
	a. TESTING REQUIRED	b. PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MASS (2) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available)	a. CONCEN- TRATION (1) MASS	b. MASS (2) MASS	d. NO. OF ANALYSES	a LONG TERM AVERAGE VALUE (1)	b. NO. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS											
1B. Acenaphthene (83-32-9)		X									
2B. Acenaphthylene (208-96-8)		X									
3B. Anthracene (120-12-7)		X									
4B. Benzidine (92-87-5)		X									
5B. Benzo (u) Anthracene (56-55-3)		X									
6B. Benzo (u) Pyrene (50-32-8)		X									
7B. 3,4-Benzo- fluoranthene (205-99-2)		X									
8B. Benzo (g,h) Perylene (191-24-2)		X									
9B. Benzo (k) Fluoranthene (207-08-9)		X									
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)		X									
11B. Bis (2-Chloro- ethoxy) Ether (111-44-4)		X									
12B. Bis (2- Chloroisopropyl) Ether (102-80-1)		X									
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)		X									
14B. 4-Bromophenyl Phenyl Ether (101-55-3)		X									
15B. Butyl Benzyl Phthalate (85-68-7)		X									
16B. 2-Chloro- naphthalene (91-58-7)		X									
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)		X									
18B. Chrysene (218-01-9)		X									
19B. Dibenzo (u,h) Anthracene (63-70-3)		X									
20B. 1,2-Dichloro- benzene (95-50-1)		X									
21B. 1,3-Di-chloro- benzene (54-1-73-1)		X									

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"			3. EFFLUENT			4. UNITS			5. INTAKE (<i>optional</i>)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELOVED ABSENT	a. MAXIMUM DAILY VALUE (<i>if available</i>)	b. MAXIMUM 30 DAY VALUE (<i>if available</i>)	c. LONG TERM AVRG. VALUE (<i>if available</i>)	a. CONCEN- TRATION (1) (2) MASS CONCENTRATION	b. MASS (1) (2) MASS	a. CONCEN- TRATION (1) (2) MASS	d. NO. OF ANALYSES	e. LONG TERM AVERAGE VALUE	f. NO. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (<i>continued</i>)												
22B. 1,4-Dichloro-benzene (106-46-7)		X										
23B. 3,3-Dichloro-benzidine (91-94-1)		X										
24B. Diethyl Phthalate (84-66-2)		X										
25B. Dimethyl Phthalate (131-11-3)		X										
26B. Di-N-Butyl Phthalate (84-74-2)		X										
27B. 2,4-Dinitrotoluene (121-14-2)		X										
28B. 2,6-Dinitrotoluene (606-20-2)		X										
29B. Di-N-Octyl Phthalate (117-84-0)		X										
30B. 1,2-Diphenylhydrazine (as Azo-benzene) (122-66-7)		X										
31B. Fluoranthene (206-44-0)		X										
32B. Fluorene (86-73-7)		X										
33B. Hexachlorobenzene (118-74-1)		X										
34B. Hexachlorobutadiene (87-68-3)		X										
35B. Hexachlorocyclopentadiene (77-47-4)		X										
36B. Hexachloroethane (67-72-1)		X										
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)		X										
38B. Isophorone (78-59-1)		X										
39B. Naphthalene (91-20-3)		X										
40B. Nitrobenzene (98-95-3)		X										
41B. N-Nitrosodimethylamine (62-75-9)		X										
42B. N-Nitrosod-N-Propylamine (621-64-7)		X										

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"		3. EFFLUENT			4. UNITS			5. INTAKE <i>(optional)</i>		
	a. TESTING REQUIRED	b. PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE <i>(if available)</i>	b. MAXIMUM 30 DAY VALUE <i>(if available)</i>	c. LONG TERM AVERAGE VALUE <i>(if available)</i>	d. NO. OF ANALYSES	e. CONCEN- TRATION ⁽¹⁾ (2) MASS	f. NO. OF ANALYSES	g. CONCEN- TRATION ⁽¹⁾ (2) MASS	h. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS <i>(continued)</i>											
43B. N-Nitro- sodiphenylamine (86-30-6)			X								
44B. Phenanthrene (85-01-8)			X								
45B. Pyrene (129-00-0)			X								
46B. 1,2,4-Tri- chlorobenzene (120-82-1)			X								
GC/MS FRACTION – PESTICIDES											
1P. Aldrin (309-00-2)			X								
2P. α -BHC (319-84-6)			X								
3P. β -BHC (319-85-7)			X								
4P. γ -BHC (58-89-9)			X								
5P. δ -BHC (319-86-8)			X								
6P. Chlordane (57-74-9)			X								
7P. 4,4'-DDT (50-29-3)			X								
8P. 4,4'-DDE (72-55-9)			X								
9P. 4,4'-DDD (72-54-8)			X								
10P. Dieldrin (60-57-1)			X								
11P. α -Endosulfan (115-29-7)			X								
12P. β -Endosulfan (115-29-7)			X								
13P. Endosulfan Sulfate (1031-07-8)			X								
14P. Endrin (72-20-8)			X								
15P. Endrin Aldehyde (7421-93-4)			X								
16P. Heptachlor (76-44-8)			X								

CONTINUED FROM PAGE V-8	EPA I.D. NUMBER (copy from Item 1 of Form I)	OUTFALL NUMBER
	OH- 0012661	.013

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"	3. EFFLUENT			4. UNITS			5. INTAKE (optional)			
		a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (¹) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (¹) MASS	c. LONG TERM AVRG. VALUE (<i>if available</i>)	d. NO. OF ANALYSES	a. CONCENTRATION (¹) CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (¹) CONCENTRATION
GC/MS FRACTION - PESTICIDES (continued)											
17P. Heptachlor Epoxide (1024-57-3)				X							
18P. PCB-1242 (53469-21-9)				X							
19P. PCB-1254 (11097-69-1)				X							
20P. PCB-1221 (11104-28-2)				X							
21P. PCB-1232 (11141-16-5)				X							
22P. PCB-1248 (12672-29-6)				X							
23P. PCB-1260 (11096-82-5)				X							
24P. PCB-1016 (12674-11-2)				X							
25P. Toxaphene (8001-35-2)				X							

MURRAY ENERGY CORPORATION
Permit Renewal Sample Summary

Company:	TOVCC
Source:	D-0360 Pond 013
Analysis Number:	1005585 1005588 1006041 1006094 1006362 1006363
	Duplicate (1006371) Duplicate

PARAMETER	Hg Value)							max	no.
Flow	MGD	0.503	0.503	0.503	0.503	0.697	0.697	0.6970	6
Temperature, Field	°C	22.5	22.5	24.4	22.1	21.5	21.5	24.4000	6
pH, Field	S.U.	8.01	8.01	7.85	7.88	8.11	8.11	8.1100	6
Chloride	mg/L	450	450	460	450	390	380	460.0000	6
Total Hardness	mg/L	596	581	655	700	532	527	700.0000	6
Hexavalent Chromium	mg/L	0.011	0.006	ND	ND	ND	ND	0.0110	6
Nitrate + Nitrite	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Oil & Grease	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Total Phosphorus	mg/L	0.009	0.009	0.006	0.003	0.006	0.006	0.0090	6
Total Dissolved Solids	mg/L	4880	4930	4870	4680	5240	5220	5,240.0000	6
Total Kjeldahl Nitrogen (as N)	mg/L	0.48	ND	0.64	ND	ND	ND	0.6400	6
Sulfate (as SO ₄)	mg/L	2620	2640	2640	2540	2950	2950	2,950.0000	6
Total Aluminum	mg/L	ND	0.07	0.09	0.17	0.23	0.24	0.2400	6
Total Organic Nitrogen	mg/L	0.48	ND	0.64	ND	ND	0.44	0.6400	6
Total Arsenic	mg/L	0.0007	0.0005	0.0008	0.0008	0.0011	0.0007	0.0011	6
Total Barium	mg/L	0.04	0.04	0.05	0.07	0.08	0.08	0.0800	6
Total Boron	mg/L	0.155	0.607	0.194	0.222	0.698	0.755	0.7550	6
Total Cadmium	mg/L	0.05	0.08	0.05	0.10	0.01	0.01	0.1000	6
Total Chromium	mg/L	0.03	0.03	0.023	ND	0.009	0.012	0.0300	6
Total Copper	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Total Iron	mg/L	0.22	0.19	0.20	0.33	0.32	0.30	0.3300	6
Total Lead	mg/L	0.02	ND	ND	ND	0.03	0.01	0.0300	6
Total Manganese	mg/L	0.61	0.59	0.90	0.73	0.67	0.62	0.9000	6
Total Nickel	mg/L	ND	ND	ND	0.03	0.04	0.05	0.0500	6
Total Selenium	mg/L	0.0005	0.0005	0.0011	0.0007	0.0010	0.0007	0.0011	6
Total Strontium	mg/L	4.56	4.29	4.79	5.49	3.07	3.08	5.4900	6
Total Zinc	mg/L	ND	ND	0.002	0.005	0.01	0.01	0.0100	6
Mercury (Low-Level)	ng/L	<0.5	<0.5	1.42	1.38	1.69	1.09	1.6900	4
METALS BY ICP-MS									
Thallium	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
SEMIVOLATILE ORGANIC COMPOUNDS									
Acenaphthene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Acenaphthylene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Anthracene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Benzo(a)anthracene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Benzo(a)pyrene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Benzo(b)fluoranthene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Benzo(g,h,i)perylene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Benzo(k)fluoranthene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Chrysene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Dibenzo(a,h)anthracene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Fluoranthene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Fluorene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Indeno(1,2,3-cd)pyrene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Naphthalene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Phenanthrene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Pyrene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Surr: Nitrobenzene-d5	%REC	91.9	95.0	90.6	74.0	86.9	68.1	95.0000	6
Surr: 2-Fluorobiphenyl	%REC	84.6	84.7	85.0	75.7	78.0	65.7	85.0000	6
Surr: 4-Terphenyl-d14	%REC	46.3	50.3	55.7	37.5	51.8	33.6	55.7000	6
VOLATILE ORGANIC COMPOUNDS									
Benzene	µg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Toluene	µg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Ethylbenzene	µg/L	ND	ND	ND	ND	ND	ND	0.0000	6
m,p-Xylene	µg/L	ND	ND	ND	ND	ND	ND	0.0000	6
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Naphthalene	µg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Surr: 1,2-Dichloroethane-d4	%REC	87.7	88.3	87.3	106	99.0	98.8	106.0000	6
Surr: 4-Bromofluorobenzene	%REC				108	103	103	108.0000	3
Surr: Dibromofluoromethane	%REC				105	101	104	105.0000	3
Surr: Toluene-d8	%REC				97.0	95.8	96.0	97.0000	3
PHENOLICS									
Phenolics	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6

MURRAY ENERGY CORPORATION
Permit Renewal Sample Summary

Company: TOVCC
Source: D-0360 Dam 2
Analysis Number: 1006096 1006191 1006212 1006287 1006192
Duplicate

PARAMETER

Flow	MGD	No Flow	max	no.				
Temperature, Field	°C	25.1	20.8	24.8	24.5	20.8	25.1	5
pH, Field	S.U.	8.20	7.85	8.05	8.18	7.85	8.2	5
Chloride	mg/L	690	610	630	630	600	690	5
Total Hardness	mg/L	415	405	410	422	415	422	5
Hexavalent Chromium	mg/L	0.004	ND	ND	ND	ND	0.004	5
Nitrate + Nitrite	mg/L	ND	ND	ND	ND	ND	0	5
Oil & Grease	mg/L	ND	ND	ND	ND	ND	0	5
Total Phosphorus	mg/L	0.063	0.044	0.031	0.052	0.045	0.063	5
Total Dissolved Solids	mg/L	3880	3542	3589	3650	3569	3880	5
Total Kjeldahl Nitrogen (as N)	mg/L	ND	ND	ND	ND	ND	0	5
Sulfate (as SO ₄)	mg/L	1790	1610	1700	1720	1590	1790	5
Total Aluminum	mg/L	1.15	0.27	0.29	0.54	0.44	1.15	5
Total Organic Nitrogen	mg/L	ND	ND	ND	ND	ND	0	5

Total Arsenic	mg/L	0.0038	0.0028	0.0032	0.0031	0.0025	0.0038	5
Total Barium	mg/L	0.11	0.12	0.13	0.14	0.12	0.14	5
Total Boron	mg/L	0.332	0.410	0.310	0.422	0.369	0.422	5
Total Cadmium	mg/L	0.01	0.007	0.009	0.009	0.007	0.01	5
Total Chromium	mg/L	ND	0.011	0.025	0.028	0.019	0.028	5
Total Copper	mg/L	ND	ND	ND	0.006	ND	0.006	5
Total Iron	mg/L	0.56	0.36	0.20	0.21	0.30	0.56	5
Total Lead	mg/L	ND	ND	ND	ND	ND	0	5
Total Manganese	mg/L	0.07	0.215	0.18	0.17	0.204	0.215	5
Total Nickel	mg/L	ND	ND	ND	ND	ND	0	5
Total Selenium	mg/L	0.0008	0.0011	0.0010	0.0012	0.0010	0.0012	5
Total Strontium	mg/L	5.90	4.30	4.05	4.33	4.25	5.9	5
Total Zinc	mg/L	0.002	ND	ND	ND	0.01	0.01	5
Mercury (Low-Level)	ng/L	2.34	1.91	2.94	0.79	2.81	2.94	5

METALS BY ICP-MS

Thallium	mg/L	ND	ND	ND	ND	ND	0	5
----------	------	----	----	----	----	----	---	---

SEMICOLATILE ORGANIC COMPOUNDS

Acenaphthene	mg/L	ND	ND	ND	ND	ND	0	5
Acenaphthylene	mg/L	ND	ND	ND	ND	ND	0	5
Anthracene	mg/L	ND	ND	ND	ND	ND	0	5
Benz(a)anthracene	mg/L	ND	ND	ND	ND	ND	0	5
Benz(a)pyrene	mg/L	ND	ND	ND	ND	ND	0	5
Benzo(b)fluoranthene	mg/L	ND	ND	ND	ND	ND	0	5
Benzo(g,h,i)perylene	mg/L	ND	ND	ND	ND	ND	0	5
Benzo(k)fluoranthene	mg/L	ND	ND	ND	ND	ND	0	5
Chrysene	mg/L	ND	ND	ND	ND	ND	0	5
Dibenz(a,h)anthracene	mg/L	ND	ND	ND	ND	ND	0	5
Fluoranthene	mg/L	ND	ND	ND	ND	ND	0	5
Fluorene	mg/L	ND	ND	ND	ND	ND	0	5
Indeno(1,2,3-cd)pyrene	mg/L	ND	ND	ND	ND	ND	0	5
Naphthalene	mg/L	ND	ND	ND	ND	ND	0	5
Phenanthrene	mg/L	ND	ND	ND	ND	ND	0	5
Pyrene	mg/L	ND	ND	ND	ND	ND	0	5
Surr: Nitrobenzene-d5	%REC	80.7	65.0	73.2	90.8	64.7	90.8	5
Surr: 2-Fluorobiphenyl	%REC	82.0	66.5	71.2	77.2	64.5	82	5
Surr: 4-Terphenyl-d14	%REC	57.3	56.9	60.5	57.6	54.7	60.5	5

VOLATILE ORGANIC COMPOUNDS

Benzene	µg/L	ND	ND	ND	ND	ND	0	5
Toluene	µg/L	ND	ND	ND	ND	ND	0	5
Ethylbenzene	µg/L	ND	ND	ND	ND	ND	0	5
m,p-Xylene	µg/L	ND	ND	ND	ND	ND	0	5
c-Xylene	µg/L	ND	ND	ND	ND	ND	0	5
Naphthalene	µg/L	ND	ND	ND	ND	ND	0	5
Surr: 1,2-Dichloroethane-d4	%REC	110	99.7	97.0	98.5	97.5	110	5
Surr: 4-Bromofluorobenzene	%REC	107	107	106	105	103	107	5
Surr: Dibromofluoromethane	%REC	105	101	98.2	99.6	100	105	5
Surr: Toluene-d8	%REC	96.8	97.6	96.6	98.3	96.8	98.3	5

PHENOLICS

Phenolics	mg/L	ND	ND	ND	0.007	ND	0.007	5
-----------	------	----	----	----	-------	----	-------	---

MURRAY ENERGY CORPORATION
Permit Renewal Sample Summary

Company: TOVCC
Source: D-0360 Pond 007
Analysis Number: 1006042 1006097 1006194 1006213

PARAMETER

Flow	MGD	No Flow	No Flow	<0.001	No Flow	max	no.
Temperature, Field	°C	28.5	26.5	22.8	25.5	28.5	4
pH, Field	S.U.	8.13	8.00	7.24	7.66	8.13	4
Chloride	mg/L	320	320	190	190	320	4
Total Hardness	mg/L	402	382	405	360	405	4
Hexavalent Chromium	mg/L	0.011	0.003	ND	ND	0.011	4
Nitrate + Nitrite	mg/L	0.056	ND	0.228	0.162	0.228	4
Oil & Grease	mg/L	ND	ND	ND	ND	0	4
Total Phosphorus	mg/L	0.018	0.014	0.015	0.011	0.018	4
Total Dissolved Solids	mg/L	1230	1240	851	874	1240	4
Total Kjeldahl Nitrogen (as N)	mg/L	ND	ND	ND	ND	0	4
Sulfate (as SO ₄)	mg/L	2640	381	280	347	2640	4
Total Aluminum	mg/L	0.08	0.16	0.30	0.21	0.3	4
Total Organic Nitrogen	mg/L	0.055	ND	0.228	0.16	0.228	4
Total Arsenic	mg/L	0.0021	0.0009	0.0007	0.0007	0.0021	4
Total Barium	mg/L	0.04	0.08	0.09	0.10	0.1	4
Total Boron	mg/L	0.127	0.336	0.133	0.140	0.336	4
Total Cadmium	mg/L	0.04	0.006	0.004	0.006	0.04	4
Total Chromium	mg/L	0.023	ND	0.016	0.020	0.023	4
Total Copper	mg/L	ND	ND	0.004	0.01	0.01	4
Total Iron	mg/L	0.20	0.13	0.32	0.16	0.32	4
Total Lead	mg/L	ND	ND	ND	ND	0	4
Total Manganese	mg/L	0.03	0.02	0.129	0.05	0.129	4
Total Nickel	mg/L	ND	ND	ND	ND	0	4
Total Selenium	mg/L	0.0012	0.0007	0.0015	0.0012	0.0015	4
Total Strontium	mg/L	1.68	1.91	1.24	1.25	1.91	4
Total Zinc	mg/L	ND	ND	ND	0.01	0.01	4
Mercury (Low-Level)	ng/L	0.51	1.36	0.98	<0.5	1.36	4

METALS BY ICP-MS

Thallium	mg/L	ND	ND	ND	ND	0	4
<u>SEMIVOLATILE ORGANIC COMPOUNDS</u>							
Acenaphthene	mg/L	ND	ND	ND	ND	0	4
Acenaphthylene	mg/L	ND	ND	ND	ND	0	4
Anthracene	mg/L	ND	ND	ND	ND	0	4
Benzo(a)anthracene	mg/L	ND	ND	ND	ND	0	4
Benzo(a)pyrene	mg/L	ND	ND	ND	ND	0	4
Benzo(b)fluoranthene	mg/L	ND	ND	ND	ND	0	4
Benzo(g,h,i)perylene	mg/L	ND	ND	ND	ND	0	4
Benzo(k)fluoranthene	mg/L	ND	ND	ND	ND	0	4
Chrysene	mg/L	ND	ND	ND	ND	0	4
Dibenz(a,h)anthracene	mg/L	ND	ND	ND	ND	0	4
Fluoranthene	mg/L	ND	ND	ND	ND	0	4
Fluorene	mg/L	ND	ND	ND	ND	0	4
Indeno(1,2,3-cd)pyrene	mg/L	ND	ND	ND	ND	0	4
Naphthalene	mg/L	ND	ND	ND	ND	0	4
Phenanthrene	mg/L	ND	ND	ND	ND	0	4
Pyrene	mg/L	ND	ND	ND	ND	0	4
Surr: Nitrobenzene-d5	%REC	95.4	74.8	71.7	73.8	95.4	4
Surr: 2-Fluorobiphenyl	%REC	90.2	76.7	72.5	72.2	90.2	4
Surr: 4-Terphenyl-d14	%REC	69.0	58.5	61.3	63.7	69	4

VOLATILE ORGANIC COMPOUNDS

Benzene	µg/L	ND	ND	ND	ND	0	4
Toluene	µg/L	ND	ND	ND	ND	0	4
Ethylbenzene	µg/L	ND	ND	ND	ND	0	4
m,p-Xylene	µg/L	ND	ND	ND	ND	0	4
o-Xylene	µg/L	ND	ND	ND	ND	0	4
Naphthalene	µg/L	ND	ND	ND	ND	0	4
Surr: 1,2-Dichloroethane-d4	%REC	87.4	107	98.8	98.4	107	4
Surr: 4-Bromofluorobenzene	%REC	109	106	103	109	109	4
Surr: Dibromofluoromethane	%REC	105	98.5	99.2	105	105	4
Surr: Toluene-d8	%REC	98.1	97.8	97.2	98.1	98.1	4

PHENOLICS

Phenolics	mg/L	ND	ND	ND	ND	0	4
-----------	------	----	----	----	----	---	---

MURRAY ENERGY CORPORATION
Permit Renewal Sample Summary

Company:	TOVCC
Source:	D-0360 Pond 008
Analysis Number:	1006039 1006040 1006093 1006193 1006211 1006214
	Duplicate Duplicate

PARAMETER							max	n.o.	
Flow	MGD	No Flow	No Flow	No Flow	<0.001	<0.001	<0.001	0.0000	6
Temperature, Field	°C	27.0	27.0	24.9	21.0	23.4	23.4	27.0000	6
pH, Field	S.U.	7.65	7.65	7.03	7.24	7.47	7.47	7.6500	6
Chloride	mg/L	84	84	89	46	48	47	89.0000	6
Total Hardness	mg/L	442	371	420	520	580	515	580.0000	6
Hexavalent Chromium	mg/L	0.011	0.008	ND	ND	ND	ND	0.0110	6
Nitrate + Nitrite	mg/L	0.074	0.070	0.093	0.268	0.226	0.245	0.2680	6
Oil & Grease	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Total Phosphorus	mg/L	0.022	0.022	0.039	0.023	0.011	0.018	0.0390	6
Total Dissolved Solids	mg/L	770	807	837	897	928	927	928.0000	6
Total Kjeldahl Nitrogen (as N)	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Sulfate (as SO ₄)	mg/L	391	418	418	431	509	468	509.0000	6
Total Aluminum	mg/L	0.20	0.21	0.52	0.28	0.09	0.17	0.5200	6
Total Organic Nitrogen	mg/L	0.074	0.070	0.09	0.268	0.226	0.245	0.2680	6
Total Arsenic	mg/L	0.0012	0.0010	0.0012	0.0010	0.0007	0.0009	0.0012	6
Total Barium	mg/L	0.05	0.09	0.08	0.10	0.10	0.10	0.1000	6
Total Boron	mg/L	0.084	0.081	0.667	0.103	0.214	0.144	0.6670	6
Total Cadmium	mg/L	0.04	0.04	0.09	0.005	0.005	0.007	0.0900	6
Total Chromium	mg/L	0.023	0.023	ND	0.018	0.020	0.029	0.0290	6
Total Copper	mg/L	ND	ND	0.006	ND	0.008	ND	0.0080	6
Total Iron	mg/L	0.13	0.12	0.14	0.19	0.14	0.14	0.1900	6
Total Lead	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Total Manganese	mg/L	0.07	0.07	0.08	0.291	0.30	0.29	0.3000	6
Total Nickel	mg/L	ND	ND	ND	ND	0.02	ND	0.0200	6
Total Selenium	mg/L	0.0027	0.0024	0.0016	0.0014	0.0013	0.0014	0.0027	6
Total Strontium	mg/L	1.11	1.12	1.00	1.04	1.08	1.03	1.1200	6
Total Zinc	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Mercury (Low-Level)	ng/L	0.92	0.88	2.15	2.28	3.83	3.38	3.8300	6
METALS BY ICP-MS									
Thallium	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
SEMIVOLATILE ORGANIC COMPOUNDS									
Acenaphthene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Acenaphthylene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Anthracene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Benzo(a)anthracene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Benzo(a)pyrene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Benzo(b)fluoranthene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Benzo(g,h,i)perylene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Benzo(k)fluoranthene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Chrysene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Dibenz(a,h)anthracene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Fluoranthene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Fluorene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Indeno(1,2,3-cd)pyrene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Naphthalene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Phenanthrene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Pyrene	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Surr: Nitrobenzene-d5	%REC	94.1	92.0	65.4	72.0	70.8	69.5	94.1000	6
Surr: 2-Fluorobiphenyl	%REC	87.1	88.8	67.7	71.8	71.0	69.3	88.8000	6
Surr: 4-Terphenyl-d14	%REC	73.3	72.0	58.7	61.4	63.0	61.8	73.3000	6
VOLATILE ORGANIC COMPOUNDS									
Benzene	µg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Toluene	µg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Ethylbenzene	µg/L	ND	ND	ND	ND	ND	ND	0.0000	6
m,p-Xylene	µg/L	ND	ND	ND	ND	ND	ND	0.0000	6
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Naphthalene	µg/L	ND	ND	ND	ND	ND	ND	0.0000	6
Surr: 1,2-Dichloroethane-d4	%REC	87.2	88.0	102	96.6	99.6	101.0	102.0000	6
Surr: 4-Bromofluorobenzene	%REC			104	108	106	103	108.0000	6
Surr: Dibromofluoromethane	%REC			107	98.0	100	98.9	107.0000	6
Surr: Toluene-d8	%REC			97.9	98.2	96.3	98.9	98.9000	6
PHENOLICS									
Phenolics	mg/L	ND	ND	ND	ND	ND	ND	0.0000	6

THE OHIO VALLEY COAL COMPANY
 POWHATAN NO. 6 MINE
 ADDITIONAL ANALYTICAL DATA
 NO. 2 SLURRY IMPOUNDMENT AND POND 13 (OUTFALLS 001 AND 013, RESPECTIVELY)

OUTFALL	TDS (mg/l)	Cd (mg/l)	Cr (mg/l)	Ni (mg/l)	Zn (mg/l)
DATE	10	0.02	0.03	0.05	0.01 <==PQL
ANALYSIS #					
001	8/20/2009	3250	AA	AA	908519
001	8/24/2009	3250	AA	AA	908570
001	8/25/2009	3319	AA	AA	908266
001	8/26/2009	3290	AA	AA	908665
001	8/27/2009	3340	AA	AA	908751
001	8/28/2009	3284	AA	AA	908783
001	8/31/2009	3390	AA	AA	908816
001	9/1/2009	3455	AA	AA	909053
001	9/2/2009	3450	AA	AA	909085
001	9/4/2009	3370	AA	AA	909156
001	9/8/2009	3270	AA	AA	909203
001	9/15/2009	3400	AA	AA	909337
001	9/16/2009	3420	AA	0.01	909371
001	9/17/2009	3350	AA	AA	909408
001	9/21/2009	3506	AA	0.01	909487
001	9/22/2009	3442	AA	AA	909441
001	9/23/2009	3440	AA	AA	909568
001	9/29/2009	3530	AA	AA	909784
001	10/1/2009	3536	AA	AA	910059
001	10/2/2009	3503	AA	AA	910089
001	###>PQL ====>	20/20	20/0	20/2	
AVERAGE AA - BELOW DETECTION LIMIT	3389.75				

# VALUES # VALUES > PQL	20	20	20	20
AVERAGE	20	4	0	16

TDS (mg/l)	Cd (mg/l)	Cr (mg/l)	Ni (mg/l)	Zn (mg/l)		
OUTFALL	DATE	10	0.02	0.03	0.05	0.01 PQL
ANALYSIS #						
1013	8/20/2009	5160	AA	AA	0.07	0.024
2013	8/24/2009	5190	AA	AA	0.08	0.041
3013	8/25/2009	5181	AA	AA	0.06	0.045
4013	8/26/2009	5130	AA	AA	0.07	0.039
5013	8/27/2009	5130	AA	AA	0.06	0.025
6013	8/28/2009	5123	AA	AA	0.011	908784
7013	8/31/2009	5170	AA	AA	0.06	0.039
8013	9/1/2009	5206	AA	AA	0.08	0.05
9013	9/2/2009	5290	AA	AA	0.07	0.06
10013	9/4/2009	5060	0.02 AA	AA	0.06	0.04
11013	9/8/2009	4610	0.02 AA	AA	0.11	0.094
12013	9/15/2009	5070	AA	AA	0.024	909338
13013	9/16/2009	5030	0.02 AA	AA	0.05	0.03
14013	9/17/2009	4971	0.02 AA	AA	0.05	0.03
15013	9/21/2009	4940	AA	AA	0.02	909486
16013	9/22/2009	4836	AA	AA	0.06	0.03
17013	9/23/2009	4826	AA	AA	0.01	909542
18013	9/29/2009	4740	AA	AA	0.07	0.034
19013	10/1/2009	4848	AA	AA	0.07	0.035
20013	10/2/2009	4790	AA	AA	0.06	0.032
21013	###>PQL ====>	20/20	20/4	20/0	20/16	20/20
AVERAGE AA - BELOW DETECTION LIMIT	5016	0.02			0.07	0.04

# VALUES # VALUES > PQL	20	20	20	20
AVERAGE	20	4	0	16
ANALYSIS #				